

DaimlerChrysler AG

Patent claims

1. A safety device (1) for a motor vehicle comprising
5 at least one closable opening of the interior, a
closing element (4) driven by a servo drive (3)
being provided for closing the opening,
characterized in that a control unit (5) is
provided, which unit evaluates the data (6)
10 relevant to safety when the vehicle is in motion
and activates the servo drive (4) at such a time
that the closing element (4) is moved into a
predetermined position, in which the closable
opening has an open gap, prior to the occurrence of
15 an expected accident.
2. The safety device (1) as claimed in claim 1,
characterized in that the closing element (4) can
be moved into the predetermined position both from
20 an open position and from the closed position.
3. The safety device (1) as claimed in claim 1,
characterized in that the size of the open gap can
be individually preset.
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4. The safety device (1) as claimed in claim 1,
characterized in that the closing element (4) is a
side window or a sliding roof of the motor vehicle.
- 30 5. The safety device (1) as claimed in claim 1,
characterized in that the servo drive (3) has a
quick closing function, which is activated by the
control unit (5) when the server drive (3) is
activated.
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6. The safety device (1) as claimed in claim 1,
characterized in that the data (6) relevant to
safety when the vehicle is in motion are driving
state variables.

- 5 7. The safety device (1) as claimed in claim 1,
characterized in that the data (6) relevant to
safety when the vehicle is in motion are ambient
data.
- 10 8. The safety device (1) as claimed in claim 1,
characterized in that the data relevant to safety
when the vehicle is in motion are evaluated driver
activities.
- 15 9. The safety device (1) as claimed in claim 1,
characterized in that, if the accident does not
occur, the closing element (4) is moved into its
original position again.